# UNIT-3 : Python Strings and Operators

| Que No | Question Description | Option1 | Option2 | Option3 | Option4 | Correct answer |
|---|---|---|---|---|---|---|
| 1 | What will be the output of the following Python function?len(["hello",2, 4, 6]) | Error | 6 | 4 | 3 | C |
| 2 | What arithmetic operators cannot be used with strings? | + | - | * | All of the above | B |
| 3 | Which is not Member Operator in Python ? | is | in | is not | join | D |
| 4 | Which of the following statement generate error if str="program" | str[0]="P" | print(str[0]) | print(str[0:20]) | print(str[4:]) | A |
| 5 | In Python, what will be the output of print(2**3 + (5 + 6)**(1 + 1))? | 129 | 8 | 121 | 28 | A |
| 6 | _____operators compare the memory locations of two objects | Identity | Relational | Logical | Arithmetic | A |
| 7 | A="Hello" print(a[-5:-1]) | Hello | Hell | Hel | H | B |
| 8 | Which of the following will result in an error? str1="python" | print(str1[2]) | str1[1]="x" | print(str1[0:9]) | Both (b) and (c) | B |
| 9 | what is the meaning of // operator | Comment | Integer Division | Division | Long Division | B |
| 10 | Python does not have_____ | Int Data type | Character Data type | Both | None | B |
| 11 | _____ brackets can be used to access elements of the string. | { } (Curly brackets) | ( ) (Round brackets) | [ ] (Square brackets) | < > (Angular brackets) | C |
| 12 | str='ABCDabcd' s=min(str) print(s) Predict the output? | a | A | error | none | B |
| 13 | Which of the following operators is the correct option for power(ab)? | a ^ b | a**b | a ^ ^ b | a ^ * b | B |
| 14 | What will be the output of the following Python function?min(max(False,-3,-4), 2,7) | -4 | -3 | 2 | False | D |
| 15 | what is the output of the following statement :str = 'programming' print('str[-1] = ', str[-1]) | g | p | n | r | A |
| 16 | "s=""12345"" print(s[-1],s[1])" | 5 2 | 2 5 | 5 1 | 4 2 | A |
| 17 | str="program"; str="python" what is the output of print(str)? | program | python | programpython | Error | B |
| 18 | If s1="Information" then what will be the output of print(s1[2:8]) in Python? | format | formati | inform | informa | A |

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|---|---|---|---|---|---|---|
| 19 | The variable whose value once assigned cannot be changed are_____objects | Mutable | Immutable | Objects | Strings | B |
| 20 | While operator is used to access character from string? | Slice | Ternary | Member | Identify | A |
| 21 | Which of the following is False? | String is immutable. | capitalize() function in string is used to return a string by converting the whole given string into uppercase. | lower() function in string is used to return a string by converting the whole given string into lowercase. | None of these. | B |
| 22 | which of the following operator has highest precedence? | * | ** | () | = | C |
| 23 | String _____ is a very common operation in programming | Concatenation | Joining | Concate | None | A |
| 24 | Predict the output:    b = "Hello, World!" print(b[-5:-2]) | orld | orl | worl | world | B |
| 25 | str='this is the best' print(str.split(' is ')) What will be the output? | ['th', ' ', ' the best'] | ['this', 'the best'] | ['this is the best'] | error | B |
| 26 | Which of the following is/are correct ways of creating strings? | name = Paython | name = â€˜Pythonâ€™ | name = â€œPythonâ€ | Both (b) & (c ) | D |
| 27 | Which operation cannot be performed on a python string? | Deletion of Python String | Splitting of Python String | Adding elements in a Python String | Reassigning of Python String | C |
| 28 | String Concatenation can be done in Python using | #NAME? | join() function | % operator | all of the above | D |
| 29 | "s=""12345"" print(s[2:4])" | 432 | 43 | 234 | 34 | D |
| 30 | What is the negative index of "h" in string "Python" | -4 | -2 | -3 | -5 | C |
| 31 | if s = "Python String" than what will be the value of print(s[0:6]) | string | Pytho | Python | on str | C |
| 32 | Predict Output- print (" ".join(("hello","world"))) | Error | helloworld | hello world | None | C |

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| 33 | Which of the following will give "Simon" as output? str1="John,Simon,Aryan" | print(str1[-11:-7]) | print(str1[-7:-12]) | print(str1[-11:-6]) | print(str1[-7:-11]) | C |
| 34 | What is the value of the expression 100 / 25? | 4 | 4 | 0 | 25 | B |
| 35 | Which of the following is False? | String is immutable. | capitalize() function in string is used to return a string by converting the whole given string into uppercase. | lower() function in string is used to return a string by converting the whole given string into lowercase. | None | B |
| 36 | Predict the output :   txt = "Python Language" x = min(txt) print(x) | a | P | L | space | D |
| 37 | s=' ' n = "hello" p = "world" r=s.join([n,p]) print(r)  #What will be the output in python? | hello world | h e l l o w o r l d | helloworld | error | A |
| 38 | "What will be the value of the following Python expression? 4 + 3 % 5" | 7 | 2 | 4 | 1 | A |
| 39 | _____ method converts uppercase characters in a string into lowercase characters. | lower() | convert() | upper() | uppertolower() | A |
| 40 | "s=""12345"" print(s[::-1])" | 135 | 531 | 12345 | 54321 | D |
| 41 | print("#".join("ABC")) give output as | A#B#C | ABC# | #ABC | All | A |
| 42 | Which arithmetic operators cannot be used with strings? | + | - | * | All of the above | B |
| 43 | Predict output - A="hello" print(a.center(10,"a")) | aahelloaaa | hello | hello | aaahelloaa | A |
| 44 | What is the output of the following assignment operator a = 10 b = a -= 2 print(b) | 8 | 10 | Syntax Error | No Output | A |
| 45 | What will be the output of below Python code? str1="Information"print(str1[2:8]) | Format | Formatio | Orma | Ormat | A |
| 46 | Predict the output: txt = "I love apples, apple are my  favorite fruit" x = txt.count("apple") print(x) | 1 | 2 | 0 | 3 | B |

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| 47 | str1='hello ram\n' print(str1*2) Predict the output in Python? | Hello ram Hello ram | Hello Ram | Hello ram Hello Ram | error | A |
| 48 | "What are the values of the following Python expressions? 2**(3**2) (2**3)**2 2**3**2" | Â 512, 64, 512 | 512, 512, 512 | 64, 512, 64 | 64, 64, 64 | A |
| 49 | Which of the following is not arithmetic operator? | % | // | ** | None of these | D |
| 50 | Which of the following operators is the correct option for power(a,b)? | a ^ b | a**b | a*b | a^^b | B |
| 51 | print("Welcome To Python's World".find("e",2)) | 2 | 1 | 7 | 6 | D |
| 52 | To return the length of string "s", which command do we execute? | s.len() | len(s) | size(s) | strlen(s) | B |
| 53 | What will be the answer of the s1 = "Python" s2 = "String" s3 = s1 print(s1 != s2) | TRUE | FALSE | 1 | 0 | A |
| 54 | Predict output- print(9//2) | 4.5 | 4 | 0 | Error | B |
| 55 | How to convert uppercase letter in a string to lowercase in Python? | lowercase() | capilaize() | lower() | toLower() | C |
| 56 | what is the output of the following code? str = â€œcore pythonâ€; print(str[-9]) | o | r | Error | No Output | B |
| 57 | What will be the output of below Python code? str1="poWer" str1.upper() print(str1) | POwer | POWER | POweR | None | B |
| 58 | To get the data type of any object _____ function is used. | datatype() | type() | sizeof() | size() | B |
| 59 | What will be the output of the following in Python expression if x=56.236? print("%.2f"%x) | 56.236 | 56.2 | 56.23 | 56.24 | D |
| 60 | Which of the following is not string operator? | [ ] | * | + | - | D |
| 61 | To concatenate two strings to a third what statements are applicable? | s3 = s1 . s2 | s3 = s1 * s2 | s3 = s1.add(s2) | s3 = s1.add(s2) | D |
| 62 | Choose the correct logical and operator in Python. | && | & | and | &&& | C |
| 63 | Which is not Arithmetic Operator in Python ? | + | - | *** | // | C |
| 64 | str1="Python"; str2="y"; print(str2 in str1) | 1 | 0 | TRUE | FALSE | C |

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| 65 | In python, multi line string are given by _____. | single quotes | double quotes | triple quotes | not possible | C |
| 66 | What will be printed when the following executes?  str = "His shirt is red" pos = str.find("is") print(pos) | 1 | 9 | 2 | pos | A |
| 67 | Identity operator | is | is not | Both a and b | None | C |
| 68 | How to fetch characters from a given range in Python? | [:] | in operator | [] | None of the above | A |
| 69 | What will be the output of following code? x = 10 print(â€œValue of X is -â€ + x) | Value of X is - | Value of X is -10 | Error | None of the above | C |
| 70 | Write the output of the following. a = "Blog" a ='a' print(a) | Blog | Bloga | aBlog | a | D |
| 71 | Predict the output: x=5 y=10  print(x is not y) | TRUE | FALSE | unidentified | 0 | A |
| 72 | What will be output in python? print(2**(3**2)) print((2**3)**2) print(2**3**2) | 512 64 512 | 512 64 512 | 512 64 512 | error | A |
| 73 | Which of the following escape sequence is used to ignores new line? | \n | \\ | \ | \' | C |
| 74 | To return the length of string s what command do we execute? | s.len() | len(s) | size(s) | s.size() | A |
| 75 | Which of the following is not a member operator? | in | is in | not in | is | B |
| 76 | Which is not Logical Operator ? | mod | and | or | not | A |
| 77 | print(29//3) | 2 | 2.5 | 9 | 0.5 | C |
| 78 | What is printed by the following statements?  s = "python rocks" print(s[7:11] * 3) | rockrockrock | rock rock rock | rocksrocksrocks | TypeError | A |
| 79 | Predict output- print ("a" in "hello world") | TRUE | FALSE | Error | None | B |
| 80 | Which is the correct operator for power(xy)? | X^y | X**y | X^^y | None of the above | B |
| 81 | How many parameters are there in find() method? | 1 | 2 | 3 | 4 | C |
| 82 | lower() is used to | It converts all the characters in lower case | Split the string according to the delimiter str | It merge the string | None | A |
| 83 | print("abcdef".center()) | abcdef | Error | abc | None of above | B |

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| 84 | "What will be the output of the coding? str1 = ""my isname isisis jameis isis bond""; sub = ""is""; print(str1.count(sub, 4))" | 4 | 5 | 6 | 7 | D |
| 85 | What will be the value of the following Python expression?4 + 3 % 5 | 4 | 7 | 2 | 0 | B |
| 86 | Choose the output of the following statement : string = "raj" print max(string) | r | a | j | None of these | A |
| 87 | print(10//3) | 3.33 | 3 | 3.5 | 4 | B |
| 88 | s[4:8] return _____ characters. | 4 | 5 | 6 | None | A |
| 89 | In Python, how to compare two objects and check whether they have the same memory locations? | is operator | in operator | ** | Bitwise operators | A |
| 90 | Which of the following string function will not return Boolean value | isalnum() | isalpha() | islower() | none of the above | D |
| 91 | Predict output s="HELLO" print (s.upper()) | Hello | HELLO | hello | Error | B |
| 92 | which one of these is floor division? | / | % | // | None of these | C |
| 93 | What will be the output of the following code ? str = â€œWelcome to tmtbca collegeâ€ n = str.find(â€˜toâ€™,6,len(str)) print(n) | 8 | 1 | Error | 0 | B |
| 94 | len(string) is _____ | Return the length of the string | Return highest length of string | Return lowest length of the string | None | A |
| 95 | The _____ method takes all items and joins them into one string. | merg() | join() | concate() | combine() | B |
| 96 | str='information' print(str[2:7]) | information | format | forma | error | C |
| 97 | Strings are immutable in Python, which means a string cannot be modified. | TRUE | FALSE | Both (a) & (b) | Neither (a) nor (b) | A |
| 98 | Which of the following is the truncation division operator? | / | % | // | \| | C |
| 99 | _____ is about obtaining a sub-string from the given string. | String Slicing | substring() function | strstr() function | part() function | A |

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| 100 | _____ function is use to display number of occurances of search string info main string. | count | find | substr | center | A |
| 101 | What is the output of "2*2**2"? | 8 | 4 | 16 | 12 | C |
| 102 | Which of the following statement is incorrect in Python? | a=a+1 | a++ | a=+1 | a+=1 | C |
| 103 | . Consider the string str=â€Green Revolutionâ€, Display last four characters | str[:-4:] | str[-4:] | str[::] | str[::-4] | B |
| 104 | Predict output a="10" b="20" print (a+b) | 30 | 1020 | Error | None | B |
| 105 | what is the answer to this expression, 22 % 3 is? | 7 | 5 | 0 | 1 | D |
| 106 | Which of the following statements is/are true about string? | Strings are constant | Strings are mutable | Strings always create new object if attempted to modify | All of the above | C |
| 107 | Which operation cannot be performed on a python string? | Deletion of Python String | Splitting of Python String | Adding elements in a Python String | Reassigning of Python String | C |
| 108 | The _____ method separates a string into a list | split() | break() | separate() | divide() | A |
| 109 | str='this is the best' printf(len(str)) | 16 | 15 | 13 | error | A |
| 110 | Which operation cannot be performed on a python string? | Deletion of Python String | Splitting of Python String | Adding elements in a Python String | Reassigning of Python String | C |
| 111 | Which one of the following has the same precedence level? | Addition and Subtraction | Multiplication, Division and Addition | Multiplication, Division, Addition and Subtraction | Addition and Multiplication | A |
| 112 | How to print string in reverse order? | print(String[0:3:-1]) | print(String[::-1]) | print(String[::]) | print(String[1:2:1]) | B |
| 113 | x = min(5, 4, 10) print(x) | 0 | 1 | 2 | 4 | D |
| 114 | Floor division is represent by | / | % | // | ** | C |

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| 115 | What is the use of % operator in Python? | to find the division | to find the remainder | to find percentage | to find power | B |
| 116 | The _____ method returns the index of first occurrence of the substring (if found). If not found, it returns -1. | search() | split() | find() | map() | C |
| 117 | Predict output- s="hello world" print (s.count("o",6,11)) | 2 | 1 | Error | None | B |
| 118 | Operators with the same precedence are evaluated in which manner? | Left to Right | Right to left | Canâ€™t say | None of the mentioned | A |
| 119 | Which of the following is not a function of string? | reverse() | index() | floor() | isdigit() | C |
| 120 | The format function when applied on a string returns _____ | Int | Str | Boolean | None | B |
| 121 | Predict the Output: txt = "python interpreter" print(txt[:-6]) | python int | python inte | python interp | python inter | D |
| 122 | temp="this is a string" print(temp.replace("is","was",1)) What is the output? | this was a string | thwas is a string | thwas was a string | None of above | B |